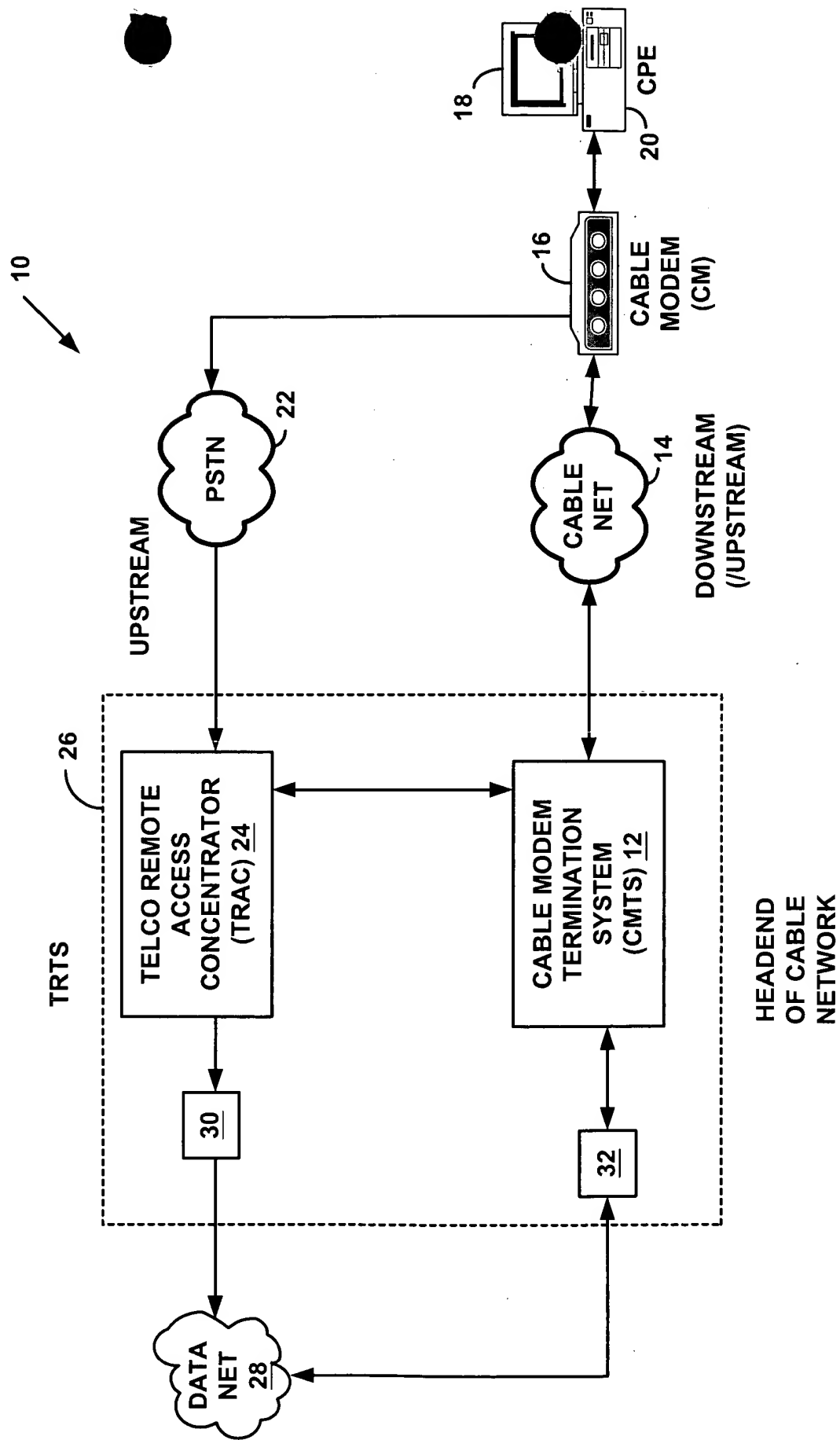
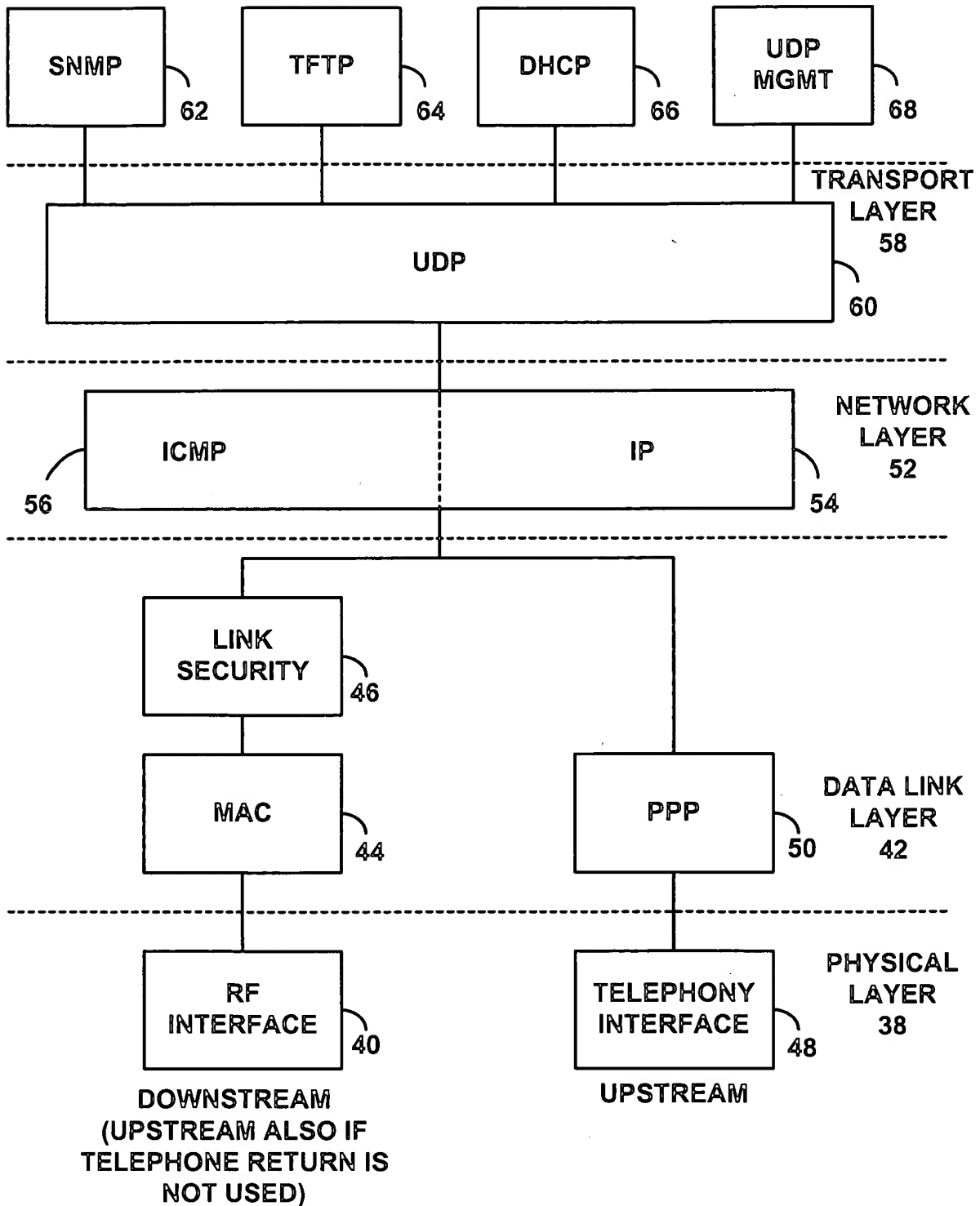


FIGURE 1



# FIGURE 2

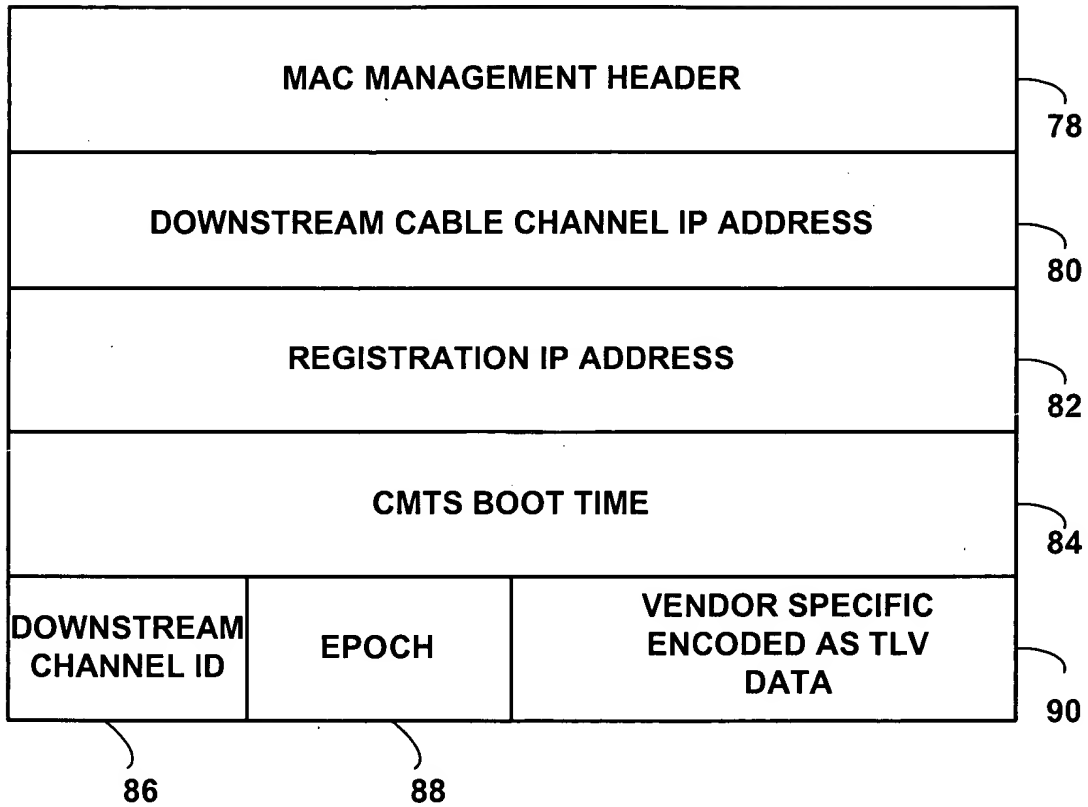
36



# FIGURE 3

TSI

76



# FIGURE 4

92  
↙

<b>OP</b> <b><u>94</u></b>	<b>HTYPE</b> <b><u>96</u></b>	<b>HLEN</b> <b><u>98</u></b>	<b>HOPS</b> <b><u>100</u></b>	
<b>XID</b>				102
<b>SECS</b> <b><u>104</u></b>		<b>FLAGS</b> <b><u>106</u></b>		
<b>CIADDR</b>				108
<b>YIADDR</b>				110
<b>SIADDR</b>				112
<b>GIADDR</b>				114
<b>CHADDR</b>				116
<b>SNAME</b>				118
<b>FILE</b>				120
<b>OPTIONS</b>				122

102

108

110

112

114

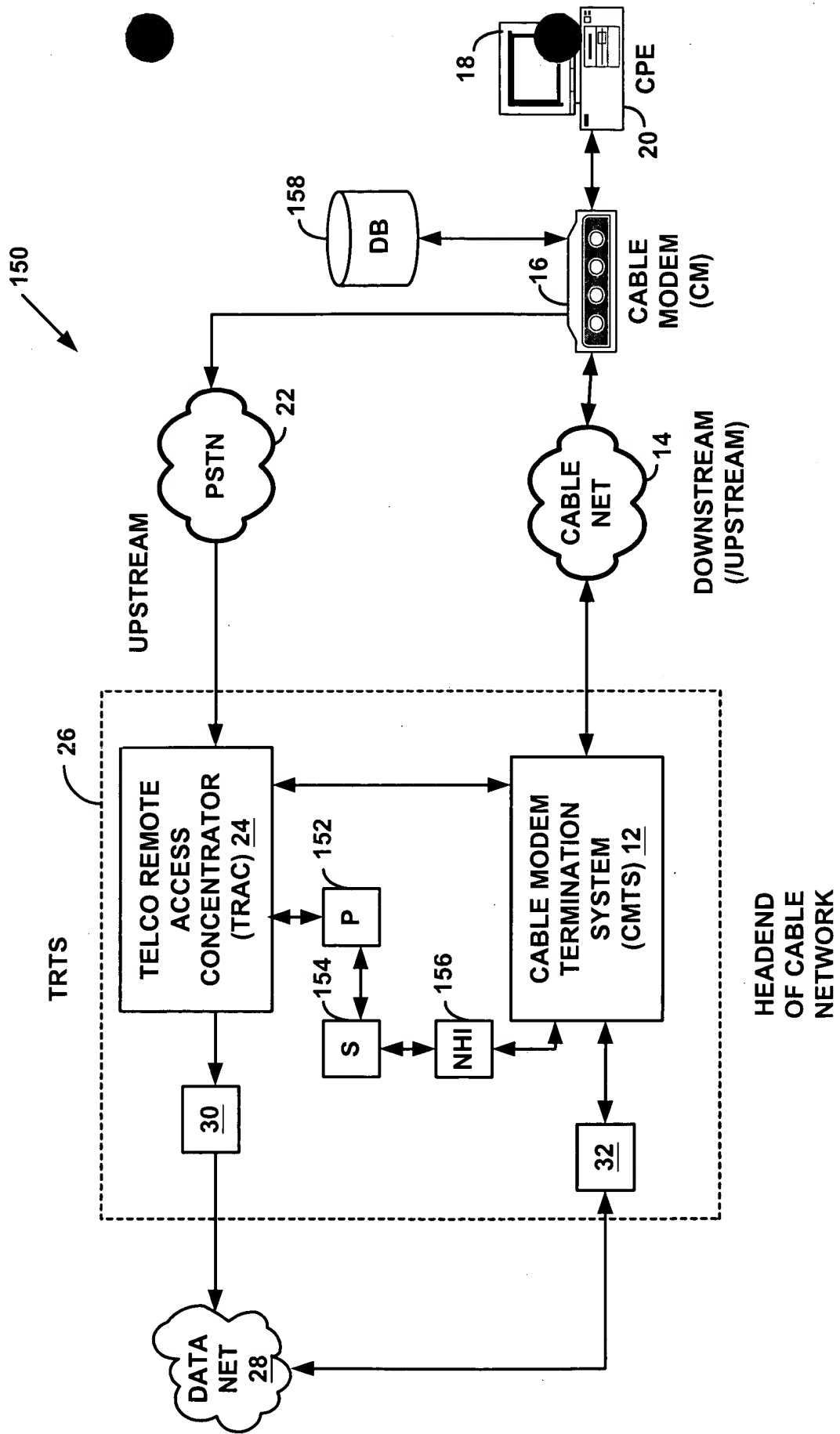
116

118

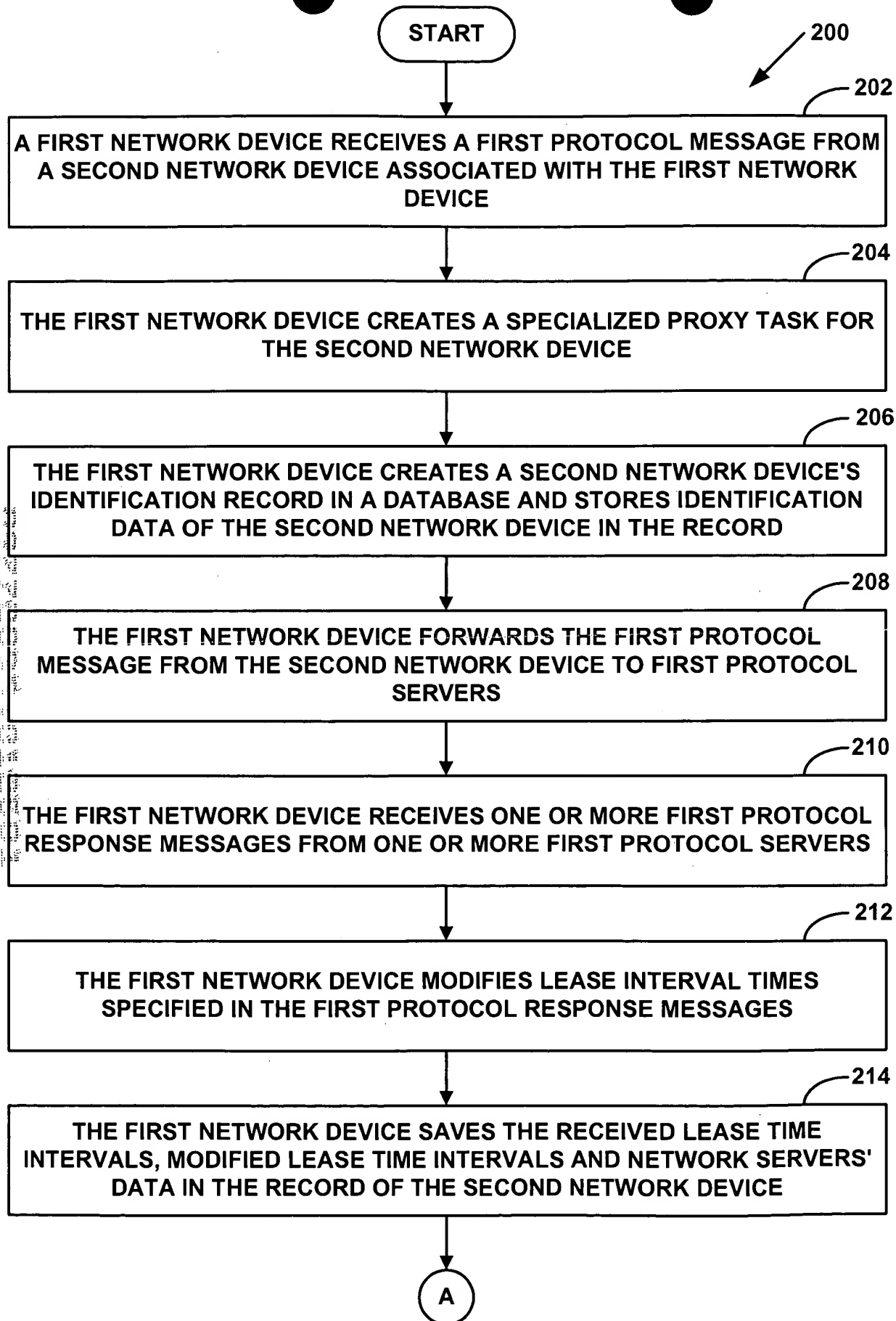
120

122

FIGURE 5

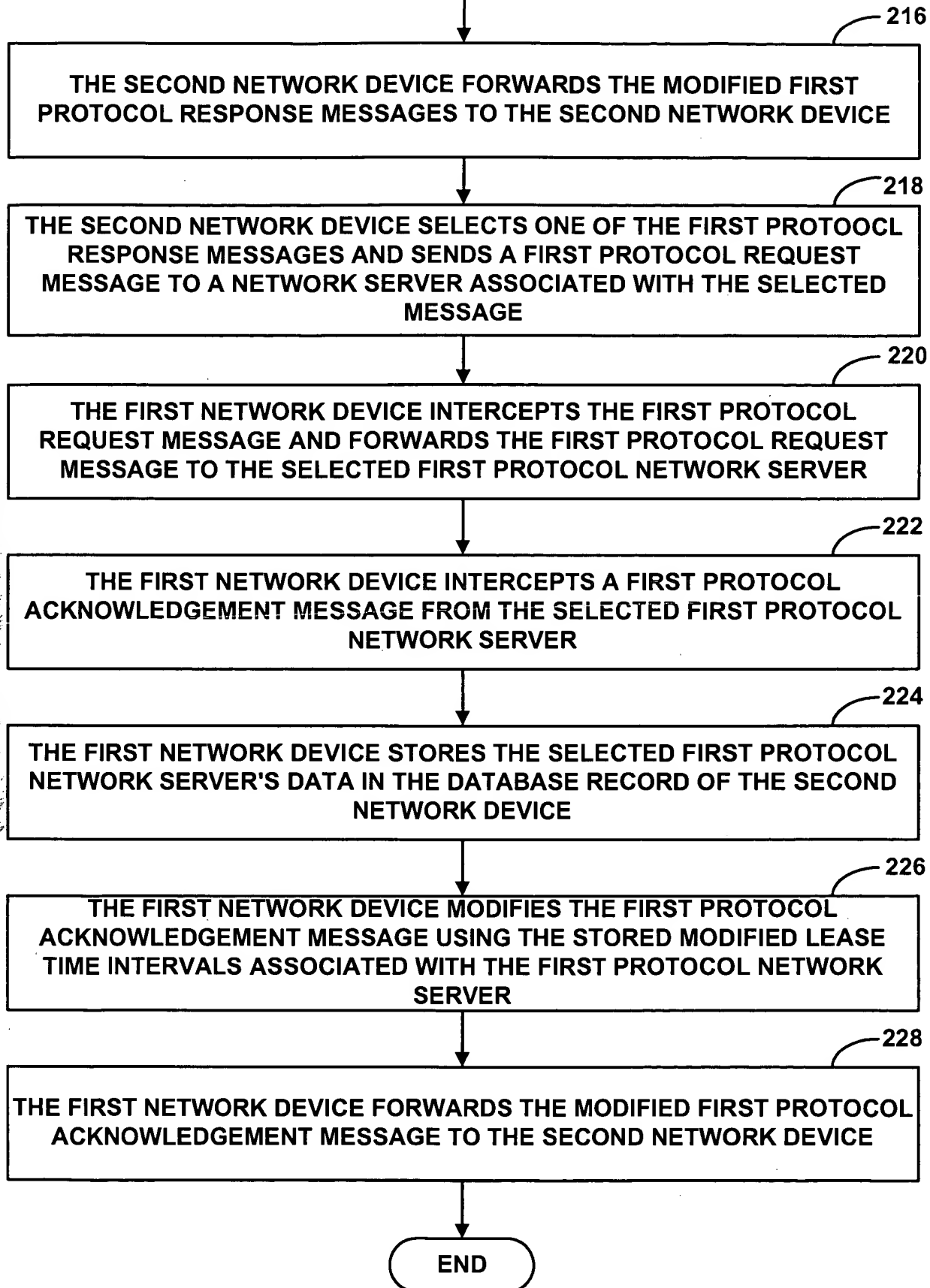


**FIGURE 6A**

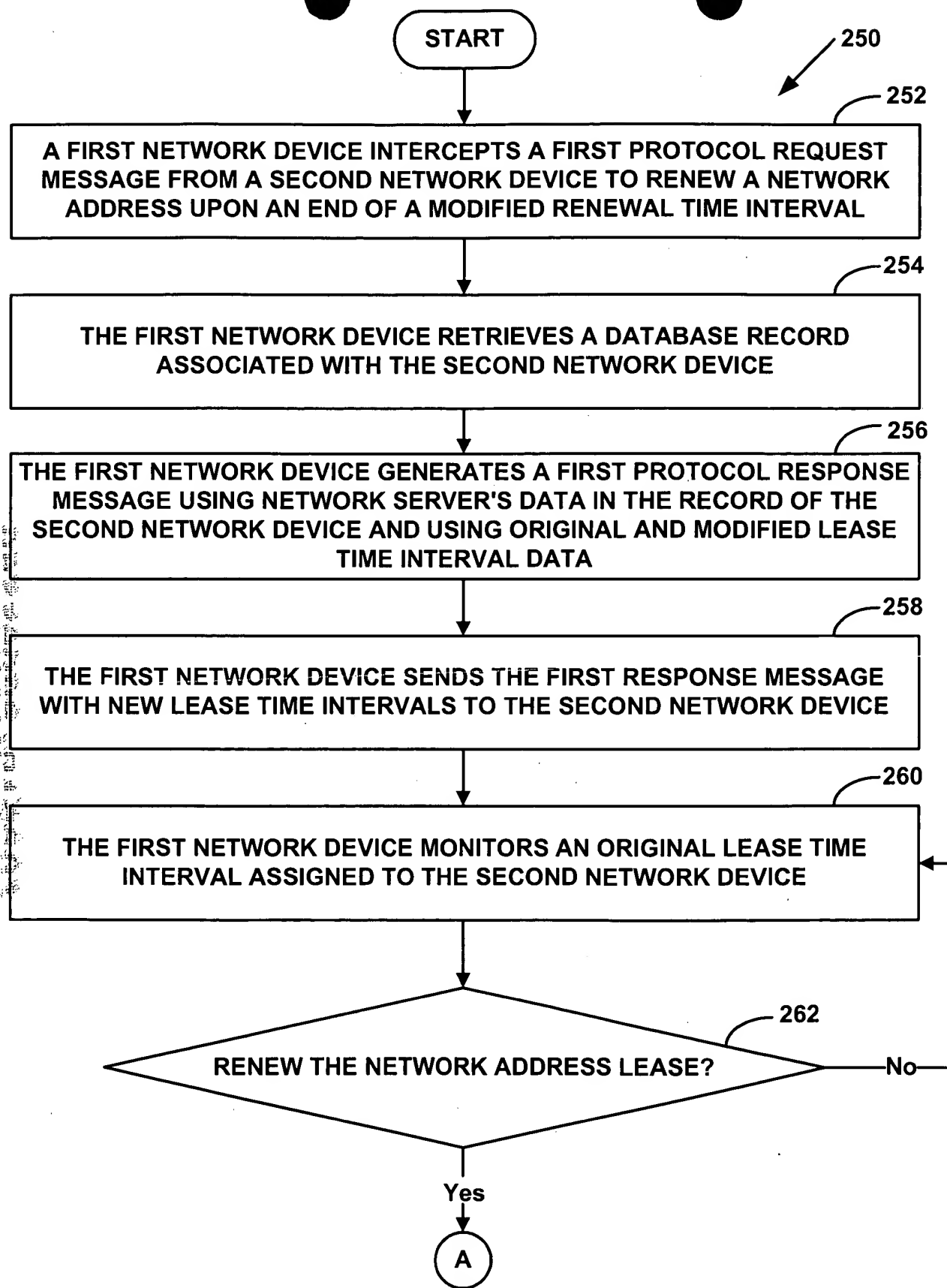


# FIGURE 6B

A



**FIGURE 7A**





# FIGURE 7B

A

264  
THE FIRST NETWORK DEVICE GENERATES A FIRST PROTOCOL REQUEST MESSAGE USING NETWORK SERVER'S DATA AND SECOND NETWORK DEVICE'S DATA IN THE DATABASE RECORD OF THE SECOND NETWORK DEVICE

266  
THE FIRST NETWORK DEVICE SENDS THE FIRST PROTOCOL REQUEST MESSAGE TO THE NETWORK SERVER SPECIFIED IN THE RECORD OF THE SECOND NETWORK DEVICE

268  
LEASE RENEWED?

Yes

No

270  
THE FIRST NETWORK DEVICE RESENDS THE FIRST PROTOCOL REQUEST MESSAGE

272  
THE FIRST NETWORK DEVICE UPDATES THE DATABASE RECORD OF THE SECOND NETWORK DEVICE

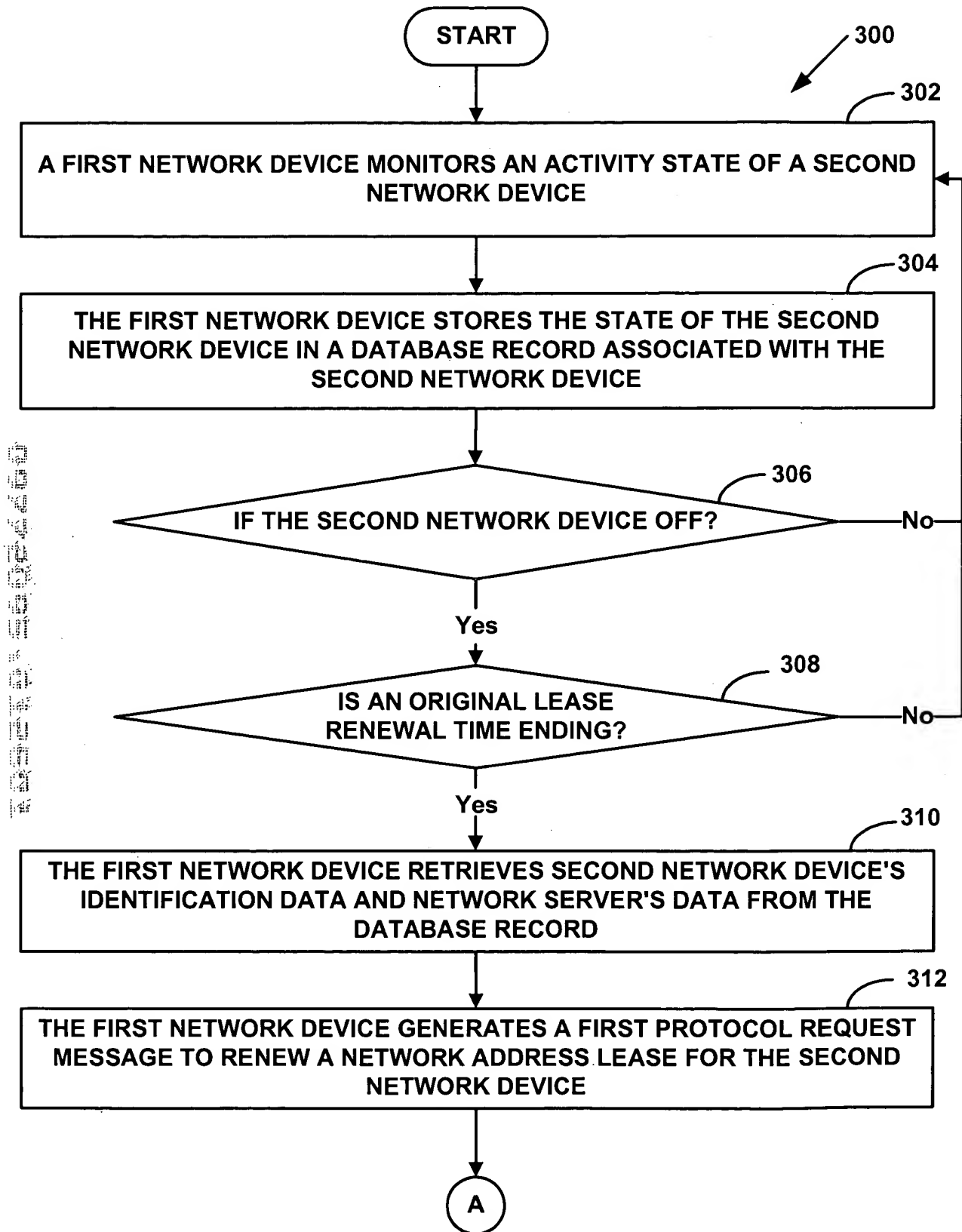
274  
THE FIRST NETWORK DEVICE INTERCEPTS A FIRST PROTOCOL LEASE RENEWAL REQUEST MESSAGE FROM THE SECOND NETWORK DEVICE

276  
THE FIRST NETWORK DEVICE USES THE DATA FROM THE UPDATED SECOND NETWORK DEVICE'S RECORD TO GENERATE A RESPONSE MESSAGE

278  
THE FIRST NETWORK DEVICE SENDS THE GENERATED RESPONSE MESSAGE TO THE SECOND NETWORK DEVICE

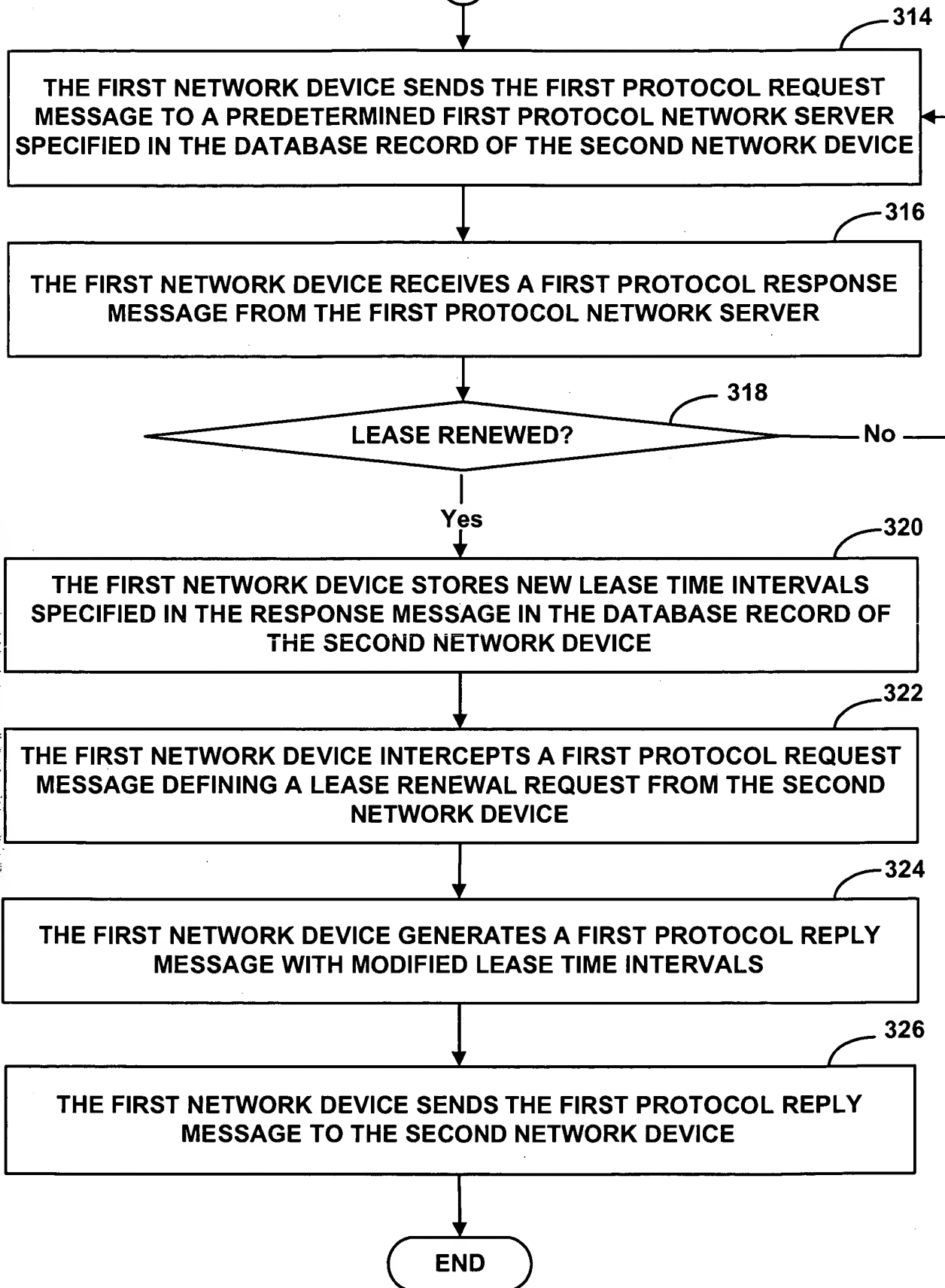
END

**FIGURE 8A**



# FIGURE 8B

A



**FIGURE 9**

